IN THE CLAIMS:

Please cancel claims 2, 5, 8, and 16 without prejudice to or disclaimer of the subject matter recited therein.

Please amend claims 1 and 17 and add new claims 23 and 24 as follows:

LISTING OF CURRENT CLAIMS

1. (Currently Amended) A bending moment resistant structure, comprising: a plurality of supported members, each of the supported members having two ends with at least one of the two ends being joined to a connection element at a joint in a way of moment resistance; a plurality of supporting members, each of the supporting members having two ends with one of the two ends being joined to the connection element at the joint in a way of moment resistance and another one of the two ends being disposed at a support spot of the respective supported member, which endures moment and generates deformation; whereby, once the structure is subjected to a load and the supported member endures moment, the supporting member ~~contacts~~ is supported by the supported member at the support spot with a situation of the supporting member against the deflection of the supported member such that the supporting member and the supported member occur a respective action exerting to each other with the action to the supporting member resulting in the joint enduring a bending moment and intensifying a bending moment resistance at the joint and the action to the supported member reducing a bending moment of the supported member at the support spot and a bending moment value at the joint becoming uniform,

wherein the supporting member is a hollow member with a cross section shape selected from the group consisting of a round tube, a square tube, and an assembled box girder and the supported member has a shape corresponding the supported member and is received in the supporting member,

wherein the supporting member is provided with a shape of non-prismatic cross section.

2. (Cancelled)

3. (Previously Presented) The structure as defined in claim 1, wherein the supported member is an H shaped steel or an I shaped steel with a cross section of two flanges and one web joined to the two flanges and the supporting members are disposed oppositely at spaces at both sides of the web.

4. (Original) The structure as defined in claim 3, wherein a plurality of spots, which are at the supporting member, are supported with the supporting members for two or more deflection directions.

5. (Cancelled)

6. (Original) The structure as defined in claim 1, wherein the supporting members is disposed at lateral sides of the supported member.

7. (Original) The structure as defined in claim 6, wherein the supported member is selected from an H shaped steel, an I shaped steel, a channel shaped steel, an angle steel, a round tube, a box tube, a composite bar and a welded bar and the supporting member is provided with a corresponding shape.

8. (Cancelled) .

9. (Original) The structure as defined in claim 1, wherein an isolator is disposed between the supporting member and the supported member at the support spot and connected to either the supported member or the supporting member.

10. (Previously Presented) The structure as defined in claim 9, wherein material of the isolator is selected from a rigid material comprising a steel plate or a stone piece.

11. (Previously Presented) The structure as defined in claim 9, wherein material of the isolator is an elastic material.

12. (Original) The structure as defined in claim 9, wherein the isolator is an elastic component composed of spring.

13. (Previously Presented) The structure as defined in claim 1, wherein the supported member contact with the supporting member and no action is in between before the supported member being subjected to a load but the supported member endures a bending moment and occurs displacement and it results in an action between the supported member and the supporting member.

14. (Previously Presented) The structure as defined in claim 1, wherein a clearance is between the supported member and the supporting member but the supported member contacts with the supporting member while a load is exerted to the supported member and deflection occurs due to a bending moment being endured by the supported member and then reaction is produced between the supporting member and the supported member.

15. (Previously Presented) The structure as defined in claim 1, wherein the supporting member and the supported member at the support spot have an action already in between before the frame being subjected to a load and when the supported member is subjected to a load, the action changes due to enduring a bending moment and occurring deflection.

16. (Cancelled)

17. (Currently Amended) The structure as defined in claim [[2]]1, wherein the supported member is selected from an H shaped steel, I shaped steel or the like with a cross section of two flanges and one web joined to the two flanges and the supporting members are disposed oppositely at spaces at both sides of the web.

18. (Previously Presented) The structure as defined in claim 3, wherein the supporting member is provided with a shape of non-prismatic cross section.

19. (Previously Presented) The structure as defined in claim 6, wherein the supporting member is provided with the shape of non-prismatic cross section.

20. (Previously Presented) The structure as defined in claim 9, wherein the supported member contact with the supporting member and no action is in between before the supported member being subjected to a load but the supported member endures a bending moment and occurs displacement and it results in an action between the supported member and the supporting member.

21. (Previously Presented) The structure as defined in claim 9, wherein a clearance is between the supported member and the supporting member but the supported member contacts with the supporting member while a load is exerted to the supported member and deflection occurs due to a bending moment being endured by the supported member and then reaction is produced between the supporting member and the supported member.

22. (Previously Presented) The structure as defined in claim 9, wherein the supporting member and the supported member at the support spot have an action already in between before the frame being subjected to a load and when the supported member is subjected to a load, the action changes due to enduring a bending moment and occurring deflection.

23. (New) A bending moment resistant structure, comprising: a plurality of supported members, each of the supported members having two ends with at least one of the two ends being joined to a connection element at a joint in a way of moment resistance; a plurality of supporting members, each of the supporting members having two ends with one of the two ends being joined to the connection element at the joint in a way of moment resistance and another one of the two ends being disposed at a support spot of the respective supported member, which endures moment and generates deformation; whereby, once the structure is subjected to a load and the supported member endures moment, the supporting member is supported by the supported member at the support spot with a situation

of the supporting member against the deflection of the supported member such that the supporting member and the supported member occur a respective action exerting to each other with the action to the supporting member resulting in the joint enduring a bending moment and intensifying a bending moment resistance at the joint and the action to the supported member reducing a bending moment of the supported member at the support spot and a bending moment value at the joint becoming uniform,

wherein the supporting member and the supported member at the support spot have an action already in between before the frame being subjected to a load and when the supported member is subjected to a load, the action changes due to enduring a bending moment and occurring deflection.

24. (New) A bending moment resistant structure, comprising: a plurality of supported members, each of the supported members having two ends with at least one of the two ends being joined to a connection element at a joint in a way of moment resistance; a plurality of supporting members, each of the supporting members having two ends with one of the two ends being joined to the connection element at the joint in a way of moment resistance and another one of the two ends being disposed at a support spot of the respective supported member, which endures moment and generates deformation; whereby, once the structure is subjected to a load and the supported member endures moment, the supporting member is supported by the supported member at the support spot with a situation of the supporting member against the deflection of the supported member such that the supporting member and the supported member occur a respective action exerting to each other with the action to the supporting member resulting in the joint enduring a bending moment and intensifying a bending moment resistance at the joint and the action to the supported member reducing a bending moment of the supported member at the support spot and a bending moment value at the joint becoming uniform,

wherein an isolator is disposed between the supporting member and the supported member at the support spot and connected to either the supported member or the supporting member,

wherein the supporting member and the supported member at the support spot have an action already in between before the frame being subjected to a load and when the supported member is subjected to a load, the action changes due to enduring a bending moment and occurring deflection.